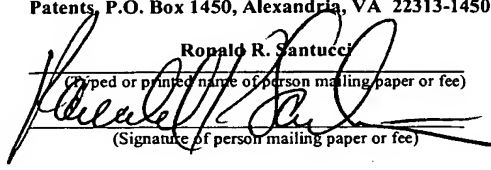


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|---|--|--|--|--|--|
| FORM PTO-1390<br>(REV. 1-2003)  |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE    |  | ATTORNEY'S DOCKET NUMBER<br>930008-2189                                |  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371  |  |  |  | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><b>10/505254</b> |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/EP03/02031   |  | INTERNATIONAL FILING DATE<br>27 February 2003 (27.02.2003) |  | PRIORITY DATE CLAIMED<br>05 March 2002 (05.03.2002)                    |  |
| TITLE OF INVENTION<br>GETTER METAL ALLOY COATING AND DEVICE AND METHOD<br>FOR THE PRODUCTION THEREOF  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Hartmut REICH-SPRENGER  |  |  |  |  |  |
| <p>Applicants herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input type="checkbox"/> The US has been elected.</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (<b>UNSIGNED</b>)</li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. (<b>INCLUDING FORM 1449</b>)</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A preliminary amendment.</li> <li><input type="checkbox"/> An Application Datasheet under 37 CFR 1.76.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information:<br/>International Search Report in German and English; check for \$1,172</li> </ol> |  |  |  |  |  |
| <p align="center"><b>EXPRESS MAIL</b></p> <p>Mailing Label Number: <b>EV468993416US</b></p> <p>Date of Deposit: <b>August 20, 2004</b></p> <p>I hereby certify that this paper or fee is being deposited with the United States Postal Service</p> <p>"Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to: <b>Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</b></p> <p align="right"> <b>Ronald R. Santucci</b><br/>         (Typed or printed name of person mailing paper or fee)<br/> <br/>         (Signature of person mailing paper or fee)       </p>   |  |  |  |  |  |

|  |  |   |  |                                      |  |
|--|--|---|--|--------------------------------------|--|
| U.S. APPLICATION NO. (If known) <b>10/505254</b> |  | INTERNATIONAL APPLICATION NO.<br>PCT/EP03/02031 |  | ATTORNEY'S DOCKET NO.<br>930008-2189 |  |
|--|--|---|--|--------------------------------------|--|

| 21. <input checked="" type="checkbox"/> The following fees are submitted  |              |              |                   | CALCULATIONS PTO USE ONLY |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
|---|--------------|--------------|-------------------|---------------------------|--|--------|--------------|--------------|------|----|--------------|-----------|----|------------------|-----------|--------------------|---------|---|-------------------|----|---|--|--|
| <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5):</b><br>Neither international preliminary examination fee (37 CFR 1.482)<br>nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO<br>and International Search Report not prepared by the EPO or JPO..... \$1080.00<br><br>International preliminary examination fee (37 C.F.R. 1.482) not paid to<br>USPTO but International Search Report prepared by the EPO or JPO..... \$920.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but<br>international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$770.00<br><br>International preliminary examination fee paid to USPTO (37 CFR 1.482)<br>but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$730.00<br><br>International preliminary examination fee paid to USPTO (37 CFR 1.482)<br>and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00 |              |              |                   |                           |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>   |              |              |                   |                           |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30<br>months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |              |                   |                           |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;">\$</th> </tr> <tr> <td>Total Claims</td> <td>34 - 20 =</td> <td>14</td> <td>x \$18.00/\$9.00</td> <td>\$ 252.00</td> </tr> <tr> <td>Independent Claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$86.00/\$43.00</td> <td>\$</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$290.00/\$290.00</td> </tr> </table>  |              |              |                   |                           |  | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | Total Claims | 34 - 20 = | 14 | x \$18.00/\$9.00 | \$ 252.00 | Independent Claims | 2 - 3 = | 0 | x \$86.00/\$43.00 | \$ | MULTIPLE DEPENDENT CLAIM(S) (if applicable) |  |  |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA | RATE              | \$                        |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| Total Claims  | 34 - 20 =    | 14           | x \$18.00/\$9.00  | \$ 252.00                 |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| Independent Claims  | 2 - 3 =      | 0            | x \$86.00/\$43.00 | \$                        |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |              |              |                   | + \$290.00/\$290.00       |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |              |                   | <b>\$ 1172.00</b>         |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. The fees indicated<br>above are reduced by 1/2.  |              |              |                   | + \$                      |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| <b>SUBTOTAL =</b>   |              |              |                   | <b>\$ 1172.00</b>         |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30<br>months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |              |                   | \$                        |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| <b>TOTAL NATIONAL FEE =</b>   |              |              |                   | <b>\$ 1172.00</b>         |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| Fee for recording the enclosed assignments (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |              |                   | + \$                      |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
| <b>TOTAL FEES ENCLOSED =</b>  |              |              |                   | <b>\$ 1172.00</b>         |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
|   |              |              |                   | Amount to be refunded: \$ |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |
|   |              |              |                   | charged: \$               |  |        |              |              |      |    |              |           |    |                  |           |                    |         |   |                   |    |   |  |  |

a. ☒ A check in the amount of **\$1,172.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.

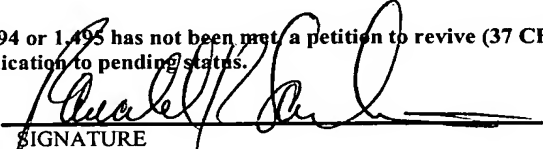
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
 overpayment to Deposit Account No. **50-0320**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit  
 card information should not be included on this form.** Provide credit card information and authorization  
 on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

**Ronald R. Santucci**  
 Frommer Lawrence & Haug LLP  
 745 Fifth Avenue  
 New York, New York 10151

  
 SIGNATURE  
 Ronald R. Santucci  
 NAME  
 28,988  
 REGISTRATION NUMBER

**Dated: August 20, 2004**